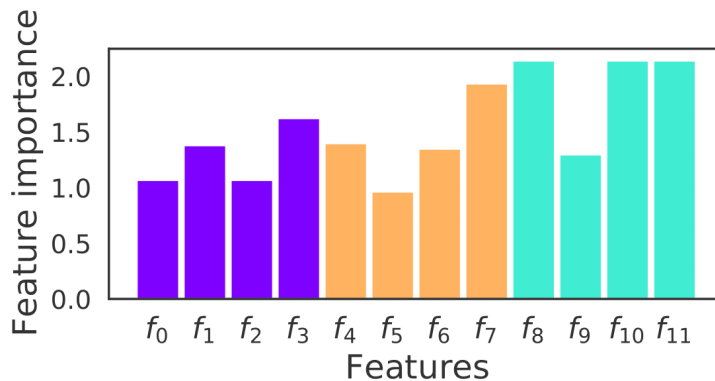


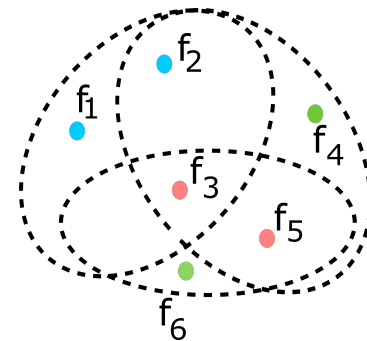
Unsupervised Feature redundancy-free Ranking using Coalitional Game Theory

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Approach: Shapley Values to rank importance of features for dimension reduction ©



Idea: add redundancy elimination pruning method



Add approximation to compute Shapley values

Conclusion

- redundancy free ordering
- effective dimensionality reduction
- flexible method with different applications
 - genetics and bioinformatics
 - surveys
 - increase in interpretability